



Federal Communications Commission

Approved by OMB
3060-0999
See instructions for
public burden estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2016 - December 31, 2016

Filing Confirmation Number: 0007607152

Filing Deadline: March 23, 2017

FRN: 0001704246

Filing Date: 12/30/2016 05:35 PM

General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

Company Information

Company Name: Panhandle Telecommunication Systems, Inc.

Brand Names: Panhandle Telecommunication Systems, Inc.

PO Box:

Street Address: 2222 NW Highway 64

City: Guymon

State: OK

Zip Code: 73942

Contact Name: Cindy Quesenbury

Contact Phone: (580) 338-2556

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Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Bennet & Bennet, PLLC

PO Box:

Street Address: 6124 MacArthur Boulevard

City: Bethesda

State: MD

Contact Name: Robert Silverman
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Contact Fax: (202) 371-1558
Contact Email: rsilverman@bennetlaw.com

Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.ptci.net/wireless/level-of-functionality/

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: PTSI maintains a public website displaying its entire selection of handsets and devices, including those that are HAC-compliant. Sales staff is trained to assist existing and prospective customers in identifying HAC-compliant handsets and devices. Handset packaging inserts or operational manuals also provide information. Customers are directed to www.accesswireless.org/Disability-Categories/Hearing.aspx and other public websites dedicated to HAC education.

Methodology for Functionality Levels

PTSI offers HAC compliant handsets and devices in all major price categories including low-cost and features (less

than \$100); moderate-cost and features (\$100 - \$250); and high-end, feature rich (greater than \$250). At least one HAC compliant handset or device with features and services typical of its price category can be found that meets each customers price range.

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 20

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
GSM	18	90%			2	10%	20
LTE	16	89%			2	11%	18
Wi-Fi	17	89%			2	11%	19

Handset 1: Apple iPhone 6

Handset Maker

Apple

Handset Model Name

iPhone 6

FCC ID

BCG-E2816A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
750 MHz LTE
2500 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 2: Apple iPhone 6 Plus A1522

Handset Maker

Apple

Handset Model Name

FCC ID

iPhone 6 Plus A1522

BCG-E2817A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
750 MHz LTE
2500 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 3: Apple IPHONE 6S

Handset Maker

Apple

Handset Model Name

IPHONE 6S

FCC ID

BCG-E2946A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
750 MHz LTE
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 4: Apple IPHONE 6S PLUS

Handset Maker

Apple

Handset Model Name

FCC ID

IPHONE 6S PLUS

BCG-E2944A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
750 MHz LTE
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 5: Apple iPhone 7

Handset Maker

Apple

Handset Model Name

iPhone 7

FCC ID

BCG-E3085A, BCG-E3091A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz LTE
2.5 GHz LTE
2.5 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 09/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 6: Apple iPhone 7 Plus

Handset Maker

Apple

Handset Model Name

iPhone 7 Plus

FCC ID

BCG-E3087A, BCG-E3092A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz LTE
2.5 GHz LTE
2.5 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 09/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 7: Apple iPhone SE (A1662)

Handset Maker

Apple

Handset Model Name

FCC ID

iPhone SE (A1662)

BCG-E2945A, BCG-E3042A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.5 GHz Wi-Fi
5.0 GHz Wi-Fi
750 MHz LTE

Dates

This handset model was offered from: 03/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 8: Bullitt Group CAT B100

Handset Maker

Bullitt Group

Handset Model Name

CAT B100

FCC ID

ZL5B100

Air Interfaces/Frequency Bands

850 MHz GSM

900 MHz GSM

1800 MHz GSM

1900 MHz GSM

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Low cost

Remarks

Handset 9: Bullitt Group CAT S40

Handset Maker

Bullitt Group

Handset Model Name

CAT S40

FCC ID

ZL5S40

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Moderate cost

Remarks

Handset 10: Bullitt Group S50

Handset Maker

Bullitt Group

Handset Model Name

S50

FCC ID

ZL5S50

Air Interfaces/Frequency Bands

850 MHz GSM
900 MHz GSM
1800 MHz GSM
1900 MHz GSM

2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Moderate cost

Remarks

Handset 11: HTC One M8

Handset Maker

HTC

Handset Model Name

FCC ID

One M8

NM80P6B120

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 12: LG AS811 G4

Handset Maker

LG

Handset Model Name

AS811 G4

FCC ID

ZNFH815, ZNFH818P

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

High end/Feature rich

Remarks

Handset 13: LG LG-US992

Handset Maker

LG

Handset Model Name

FCC ID

LG-US992

ZNFVS987, ZNFLS992, ZNFH820, ZNFH830

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 09/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 14: Motorola Moto G (XT1045)

Handset Maker

Motorola

Handset Model Name

FCC ID

Moto G (XT1045)

IHDT56PG1

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 01/16 to 04/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Moderate cost

Remarks

Handset 15: Samsung A847 Rugby 2

Handset Maker

Samsung

Handset Model Name

FCC ID

A847 Rugby 2

A3LSGHA847

Air Interfaces/Frequency Bands

800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Low cost

Remarks

Handset 16: Samsung G900

Handset Maker

Samsung

Handset Model Name

G900

FCC ID

A3LSMG900M

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

High end/Feature rich

Remarks

Handset 17: Samsung Galaxy Note 4

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy Note 4

A3LSMN910T

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2100 MHz GSM
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 18: Samsung GALAXY S6

Handset Maker

Samsung

Handset Model Name

FCC ID

GALAXY S6

A3LSMG920T

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/16 to 12/16

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 19: Samsung Galaxy S7

Handset Maker

Samsung

Handset Model Name

Galaxy S7

FCC ID

A3LSMG930F

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1700 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 05/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Handset 20: Samsung Galaxy S7 Edge

Handset Maker

Samsung

Handset Model Name

FCC ID

Galaxy S7 Edge

A3LSMG935F

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
900 MHz LTE
1800 MHz GSM
1800 MHz LTE
1900 MHz GSM
1900 MHz LTE
2100 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 05/16 to 12/16

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

High end/Feature rich

Remarks

Certification

This Report has been certified by:

Robert A Silverman Authorized Agent
12/30/2016 05:35 PM